

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT APPLICATION of:

Hans-Peter Männer

Application No.: Not Yet Known

Our File: SMB-PT082

(P 03 305 M US)

Confirmation No.: Not Yet Known

Date: July 10, 2003

Filed: Not Yet Known

For: INJECTION MOLDING NOZZLE FOR
PLASTIC WITH AT LEAST TWO OUTLET
OPENINGS

Group: Not Yet Known

Examiner: Not Yet Known

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

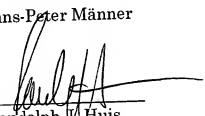
Applicant: Hans-Peter Männer
Application No.: Not Yet Known

DE 100 08 471 discloses a hot runner end piece that is electrically heated. The injection openings (14) are at 90° to a longitudinal axis of the part.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Hans-Peter Männer

By 
Randolph J. Huis
Registration No. 34,626
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

RJH/rct
Enclosures

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. SMB-PT082 (P 03 305 M US)	SERIAL NO. NOT YET KNOWN
	APPLICANT Hans-Peter Männer	
	FILING DATE NOT YET KNOWN	GROUP NOT YET KNOWN

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		100 08 471 A1	08-2001	Germany				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Prima" advertisement for triple nozzle injection molding head, <i>PLASTVERARBEITER</i> , Volume 39, No. 4 (1988)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.